OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC203810L3V

OB Cadherin (CDH11) (NM_001797) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	OB Cadherin (CDH11) (NM_001797) Human Tagged ORF Clone Lentiviral Particle
Symbol:	OB Cadherin
Synonyms:	CAD11; CDHOB; ESWS; OB; OSF-4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001797
ORF Size:	2388 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203810).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001797.2
RefSeq Size:	3654 bp
RefSeq ORF:	2391 bp
Locus ID:	1009
UniProt ID:	P55287
Cytogenetics:	16q21
Domains:	Cadherin_C_term, CA
Protein Families:	Druggable Genome, Transmembrane

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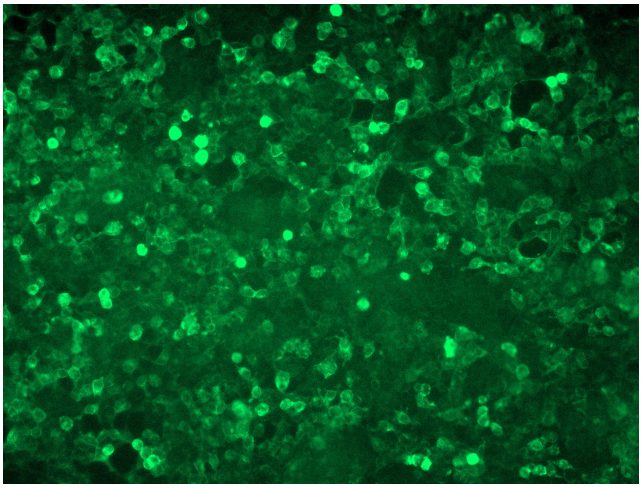
MW: 88 kDa

Gene Summary: This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Expression of this particular cadherin in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance. [provided by RefSeq, Jul 2008]

Product images:



[RC203810L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC203810L3V particle to overexpress human CDH11-Myc-DDK fusion protein.